Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Pre-Measurement :

Detailed Measurements

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
1	Removing & Refixing stone Slab of drain and pointing in Cm (1:3)							
	Vide premeasurement page no. 1						236.33	Sqm
						Present Qty	**236.33**	**Sqm**
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.							
	Vide premeasurement page no. 2 to 3						639.40	Cum
						Present Qty	**639.40**	**Cum**
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.							
	Vide premeasurement page no. 4 to 6						378.51	Cum
						Present Qty	**378.51**	**Cum**
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge.							
	Vide premeasurement page no. 7						11.05	Tn
						Present Qty	**11.05**	**Tn**

Contractor

PMC

Assistant Engineer 8/7/19.

Asst. Executive Engineer 8/7/19

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Measurement : 26.02.19, 28-02-19 & 04.03.2019.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
5	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design							
	For Drain							
	Raft							
	Lake Rd upto culvert	LHS	1	30.00	0.70	0.15	3.15	
		LHS	1	30.00	0.70	0.15	3.15	
		LHS	1	30.00	0.70	0.15	3.15	
		LHS	1	4.00	0.70	0.15	0.42	
		LHS	1	30.00	0.70	0.15	3.15	
		LHS	1	30.00	0.70	0.15	3.15	
		LHS	1	30.00	0.70	0.15	3.15	
	1st main Rd							
		LHS	1	14.00	0.75	0.15	1.58	
		LHS	1	30.00	0.75	0.15	3.38	
		LHS	1	8.00	0.75	0.15	0.90	
		LHS	1	30.00	0.75	0.15	3.38	
		LHS	1	27.00	0.75	0.15	3.04	
		LHS	1	25.00	0.75	0.15	2.81	
		LHS	1	18.50	0.75	0.15	2.08	
		LHS	1	18.20	0.75	0.15	2.05	
		LHS	1	24.00	0.75	0.15	2.70	
		LHS	1	18.00	0.75	0.15	2.03	
		RHS	1	30.00	0.75	0.15	3.38	
		RHS	1	30.00	0.75	0.15	3.38	
		RHS	1	30.00	0.75	0.15	3.38	
		RHS	1	30.00	0.75	0.15	3.38	
		RHS	1	14.00	0.75	0.15	1.58	
	Marutinagar near Canara bank							
		LHS	1	30.00	0.75	0.15	3.38	
		LHS	1	28.00	0.75	0.15	3.15	
	continued	LHS	1	30.00	0.75	0.15	3.38	
		LHS	1	2.00	0.75	0.15	0.23	
	Culvert							
	Lake Road		1	6.30	1.20	0.20	1.51	
	1st main		1	2.70	1.00	0.20	0.54	
			1	2.70	1.00	0.20	0.54	
			1	3.20	1.00	0.20	0.64	
			1	3.30	1.00	0.20	0.66	
			1	3.80	1.00	0.20	0.76	
			1	3.80	1.00	0.20	0.76	
	Wall							
	Lake Rd upto culvert	LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

		LHS	2	30.00	0.15	0.55	4.95	
		LHS	2	4.00	0.15	0.55	0.66	
		LHS	2	30.00	0.15	0.55	4.95	
		LHS	2	30.00	0.15	0.60	5.40	
		LHS	2	30.00	0.15	0.60	5.40	
	1st main Rd							
		LHS	2	14.00	0.15	0.55	2.31	
		LHS	2	30.00	0.15	0.55	4.95	
		LHS	2	8.00	0.15	0.55	1.32	
		LHS	2	30.00	0.15	0.55	4.95	
		LHS	2	27.00	0.15	0.55	4.46	
		LHS	2	25.00	0.15	0.55	4.13	
		LHS	2	18.50	0.15	0.55	3.05	
		LHS	2	18.20	0.15	0.55	3.00	
		LHS	2	24.00	0.15	0.55	3.96	
		LHS	2	18.00	0.15	0.55	2.97	
		RHS	2	30.00	0.15	0.55	4.95	
		RHS	2	30.00	0.15	0.55	4.95	
		RHS	2	30.00	0.15	0.55	4.95	
		RHS	2	30.00	0.15	0.55	4.95	
		RHS	2	14.00	0.15	0.50	2.10	
	Marutinagar near Canara bank							
		LHS	2	30.00	0.15	0.55	4.95	
		LHS	2	28.00	0.15	0.55	4.62	
	continued	LHS	2	30.00	0.15	0.55	4.95	
		LHS	2	2.00	0.15	0.55	0.33	
	Culvert							
	Lake Road		2	6.30	0.20	0.60	1.51	
	1st main		2	2.70	0.20	0.60	0.65	
			2	2.70	0.20	0.60	0.65	
			2	3.20	0.20	0.60	0.77	
			2	3.30	0.20	0.60	0.79	
			2	3.80	0.20	0.60	0.91	
			2	3.80	0.20	0.60	0.91	
						Present Qty	**184.06**	**Cum**

Contractor

PMC

Assistant Engineer 8/7/19

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Measurement : 12/03/19.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
6	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doiirections of the Enineer-in-charge.							
	For Drain							
	Lake Rd upto culvert	LHS	1	30.00	0.60		18.00	
		LHS	1	30.00	0.60		18.00	
		LHS	1	30.00	0.60		18.00	
		LHS	1	4.00	0.60		2.40	
		LHS	1	30.00	0.60		18.00	
		LHS	1	30.00	0.60		18.00	
		LHS	1	30.00	0.60		18.00	
	For old drain							
		LHS	1	30.00	0.60		18.00	
		LHS	1	30.00	0.60		18.00	
		LHS	1	29.40	0.60		17.64	
	1st main Rd							
		LHS	1	14.00	0.75		10.50	
		LHS	1	30.00	0.75		22.50	
		LHS	1	8.00	0.75		6.00	
		LHS	1	30.00	0.75		22.50	
		LHS	1	27.00	0.75		20.25	
		LHS	1	25.00	0.75		18.75	
		LHS	1	18.50	0.75		13.88	
		LHS	1	18.20	0.75		13.65	
		LHS	1	24.00	0.75		18.00	
		LHS	1	18.00	0.75		13.50	
		RHS	1	30.00	0.75		22.50	
		RHS	1	30.00	0.75		22.50	
		RHS	1	30.00	0.75		22.50	
		RHS	1	30.00	0.75		22.50	
		RHS	1	14.00	0.75		10.50	
	Marutinagar near Canara bank							
		LHS	1	30.00	0.75		22.50	
		LHS	1	28.00	0.75		21.00	
	continued	LHS	1	30.00	0.75		22.50	
		LHS	1	2.00	0.75		1.50	
						Present Qty	**491.57**	**Sqm**

Contractor

PMC

Assistant Engineer 8/4/19.

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Measurement : 15/03/19.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
7	Providing and laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, labour, curing, transportation,loading, unloading etc.,complete as per the direction of Engineer - In- Charge.							
	Culvert							
	Lake Road		1	6.30	1.20		7.56	
	1st main entrance		1	5.40	1.20		6.48	
	1st main Road		1	2.70	0.90		2.43	
			1	2.70	0.90		2.43	
			1	3.20	0.90		2.88	
			1	3.30	0.90		2.97	
			1	3.80	0.90		3.42	
			1	3.80	0.90		3.42	
						Present Qty	**31.59**	**Sqm**

Contractor

PMC

Assistant Engineer 8/4/19.

8/4/19

Asst. Executive Engineer,
Asst. Executive Enginee
Project Division
Yelahanka Zone
Bangalore

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Pre-Measurement :

Detailed Measurements

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
II	Earth work in soil with hydraulic excavator of 0.9 cu.m. bucket capacity including cutting and loading in tippers, trimming bottom and side slopes. In accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications.							
	Vide premeasurement page no. 8 to 9						1126.87	Cum
						Present Qty	**1126.87**	**Cum**
III	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.							
	Vide premeasurement page no. 10 to 11						2817.17	Sqm
						Present Qty	**2817.17**	**Sqm**
IV	Construction of granular sub-base of Grading II Material by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method							
	Vide premeasurement page no. 12 to 13						422.57	Cum
						Present Qty	**422.57**	**Cum**

Contractor

PMC

Assistant Engineer 8/4/19.

8/4/19

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Measurement : 9-03-2019, 13/03/19 & 15/03/19.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
11	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete							
	For Road							
	Lake Road							
	Ch:0.00m to 30.00m		1	30.00	(4.50 + 4.70)/2	0.15	20.70	
	Ch:30.00m to 60.00m		1	30.00	(4.70 + 4.80)/2	0.15	21.38	
	Ch:60.00m to 90.00m		1	30.00	(4.80 + 4.50)/2	0.15	20.93	
	Ch:90.00m to 98.00m		1	8.00	(4.50 + 6.20)/2	0.15	6.42	
	Entrance Road							
	Ch:0.00m to 30.00m		1	30.00	(6.20 + 6.00)/2	0.15	27.45	
	Ch:30.00m to 60.00m		1	30.00	(6.00 + 6.00)/2	0.15	27.00	
	Ch:60.00m to 90.00m		1	30.00	(6.00 + 5.80)/2	0.15	26.55	
	Ch:90.00m to 120.00m		1	30.00	(5.80 + 5.60)/2	0.15	25.65	
	Ch:120.00m to 150.00m		1	30.00	(5.60 + 3.40)/2	0.15	20.25	
	Ch:150.00m to 175.00m		1	25.00	(3.40 + 3.20)/2	0.15	12.38	
	Ch:175.00m to 178.00m		1	3.00	(1.80 + 1.80)/2	0.15	0.81	
	2nd main cross road -1							
	Ch:0.00m to 30.00m	LHS	1	30.00	(2.70 + 2.80)/2	0.15	12.38	
	Ch:30.00m to 36.00m		1	6.00	(2.80 + 2.90)/2	0.15	2.57	
	2nd main cross road -2							
	Ch:0.00m to 30.00m	LHS	1	30.00	(3.20 + 3.00)/2	0.15	13.95	
	Ch:30.00m to 33.30m		1	3.30	(3.00 + 2.80)/2	0.15	1.44	
	2nd main cross road -3							
	Ch:0.00m to 30.00m	LHS	1	30.00	(2.80 + 2.70)/2	0.15	12.38	
	Ch:30.00m to 34.00m		1	4.00	(2.70 + 2.70)/2	0.15	1.62	

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

	2nd main cross road -7								
	Ch:0.00m to 30.00m	LHS	1	30.00	2.70 + 2.70 / 2		0.15	12.15	
	Ch:30.00m to 33.00m		1	3.00	2.70 + 2.90 / 2		0.15	1.26	
	2nd main cross road -10								
	Ch:0.00m to 30.00m	LHS	1	30.00	4.00 + 4.10 / 2		0.15	18.23	
	Ch:30.00m to 30.60m		1	0.60	4.10 + 4.10 / 2		0.15	0.37	
	1st main cross road -2								
	Ch:0.00m to 30.00m	LHS	1	30.00	3.20 + 3.10 / 2		0.15	14.18	
	Ch:30.00m to 36.00m		1	6.00	3.10 + 3.20 / 2		0.15	2.84	
	1st main cross road -4								
	Ch:0.00m to 30.00m	LHS	1	30.00	3.60 + 3.20 / 2		0.15	15.30	
	Ch:30.00m to 36.00m		1	6.00	3.20 + 3.20 / 2		0.15	2.88	
	1st main cross road -5								
	Ch:0.00m to 30.00m	LHS	1	30.00	3.70 + 3.80 / 2		0.15	16.88	
	Ch:30.00m to 30.50m		1	0.50	3.80 + 3.80 / 2		0.15	0.29	
	1st main cross road -6								
	Ch:0.00m to 18.70m	LHS	1	18.70	2.80 + 2.80 / 2		0.15	7.85	
	1st main cross road -7								
	Ch:0.00m to 19.00m	LHS	1	19.00	2.50 + 2.50 / 2		0.15	7.13	
	Maruthinagar 24th B cross								
	Ch:0.00m to 30.00m		1	30.00	2.40 + 3.00 / 2		0.15	12.15	
	Ch:30.00m to 38.50m		1	8.50	3.00 + 3.10 / 2		0.15	3.89	
	Maruthinagar near Canara bank								
	Ch:0.00m to 30.00m		1	30.00	4.90 + 3.80 / 2		0.15	19.58	
	Ch:30.00m to 58.00m		1	28.00	3.80 + 3.10 / 2		0.15	14.49	
	continued		1	8.50	4.50 + 4.50 / 2		0.15	5.74	
	continued		1	4.00	6.00 + 5.50 / 2		0.15	3.45	
	Continued Right side								
	Ch:0.00m to 30.00m		1	30.00	2.30 + 2.20 / 2		0.15	10.13	
						Present Qty		422.57	**Cum**

Checked

Contractor

PMC

Assistant Engineer 8/4/13

Asst. Executive Engineer
Asst. Executive Engineer,
Project Division
Yelahanka Zone
Bangalore

8/4/13

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Measurement : 8/4/19.

Item No	Description of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
12	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.							
	For Road							
	Lake Road							
	Ch:0.00m to 30.00m		1	30.00	(4.50 + 4.70)/2		138.00	
	Ch:30.00m to 60.00m		1	30.00	(4.70 + 4.80)/2		142.50	
	Ch:60.00m to 90.00m		1	30.00	(4.80 + 4.50)/2		139.50	
	Ch:90.00m to 98.00m		1	8.00	(4.50 + 6.20)/2		42.80	
	Entrance Road							
	Ch:0.00m to 30.00m		1	30.00	(6.20 + 6.00)/2		183.00	
	Ch:30.00m to 60.00m		1	30.00	(6.00 + 6.00)/2		180.00	
	Ch:60.00m to 90.00m		1	30.00	(6.00 + 5.80)/2		177.00	
	Ch:90.00m to 120.00m		1	30.00	(5.80 + 5.60)/2		171.00	
	Ch:120.00m to 150.00m		1	30.00	(5.60 + 3.40)/2		135.00	
	Ch:150.00m to 175.00m		1	25.00	(3.40 + 3.20)/2		82.50	
	Ch:175.00m to 178.00m		1	3.00	(1.80 + 1.80)/2		5.40	
	2nd main cross road -1							
	Ch:0.00m to 30.00m	LHS	1	30.00	(2.70 + 2.80)/2		82.50	
	Ch:30.00m to 36.00m		1	6.00	(2.80 + 2.90)/2		17.10	
	2nd main cross road -2							
	Ch:0.00m to 30.00m	LHS	1	30.00	(3.20 + 3.00)/2		93.00	
	Ch:30.00m to 33.30m		1	3.30	(3.00 + 2.80)/2		9.57	
	2nd main cross road -3							
	Ch:0.00m to 30.00m	LHS	1	30.00	(2.80 + 2.70)/2		82.50	
	Ch:30.00m to 34.00m		1	4.00	(2.70 + 2.70)/2		10.80	

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

	2nd main cross road -7									
	Ch:0.00m to 30.00m	LHS	1	30.00	2.70	+	2.70		81.00	
					2					
	Ch:30.00m to 33.00m		1	3.00	2.70	+	2.90		8.40	
					2					
	2nd main cross road -10									
	Ch:0.00m to 30.00m	LHS	1	30.00	4.00	+	4.10		121.50	
					2					
	Ch:30.00m to 30.60m		1	0.60	4.10	+	4.10		2.46	
					2					
	1st main cross road -2									
	Ch:0.00m to 30.00m	LHS	1	30.00	3.20	+	3.10		94.50	
					2					
	Ch:30.00m to 36.00m		1	6.00	3.10	+	3.20		18.90	
					2					
	1st main cross road -4									
	Ch:0.00m to 30.00m	LHS	1	30.00	3.60	+	3.20		102.00	
					2					
	Ch:30.00m to 36.00m		1	6.00	3.20	+	3.20		19.20	
					2					
	1st main cross road -5									
	Ch:0.00m to 30.00m	LHS	1	30.00	3.70	+	3.80		112.50	
					2					
	Ch:30.00m to 30.50m		1	0.50	3.80	+	3.80		1.90	
					2					
	1st main cross road -6									
	Ch:0.00m to 18.70m	LHS	1	18.70	2.80	+	2.80		52.36	
					2					
	1st main cross road -7									
	Ch:0.00m to 19.00m	LHS	1	19.00	2.50	+	2.50		47.50	
					2					
	Maruthinagar 24th B cross									
	Ch:0.00m to 30.00m		1	30.00	2.40	+	3.00		81.00	
					2					
	Ch:30.00m to 38.50m		1	8.50	3.00	+	3.10		25.93	
					2					
	Maruthinagar near Canara bank									
	Ch:0.00m to 30.00m		1	30.00	4.90	+	3.80		130.50	
					2					
	Ch:30.00m to 58.00m		1	28.00	3.80	+	3.10		96.60	
					2					
	continued		1	8.50	4.50	+	4.50		38.25	
					2					
	continued		1	4.00	6.00	+	5.50		23.00	
					2					
	Continued Right side									
	Ch:0.00m to 30.00m		1	30.00	2.30	+	2.20		67.50	
					2					
								Present Qty	**2817.17**	**Sqm**

Contractor

PMC

Assistant Engineer 8/4/19

8/4/19

Asst. Executive Engineer,
Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

Date of Measurement : 08-04-19.

Detailed Measurements

Item No	Description of Item		No	Length	Breadth	Depth	Qty	Unit
12	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials,. Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.							
	For Road							
	Lake Road							
	Ch:0.00m to 30.00m		6	4.60			27.60	
	Ch:30.00m to 60.00m		6	4.70			28.20	
	Ch:60.00m to 90.00m		6	4.60			27.60	
	Ch:90.00m to 98.00m		2	4.90			9.80	
	Entrance Road							
	Ch:0.00m to 30.00m		6	6.10			36.60	
	Ch:30.00m to 60.00m		6	6.00			36.00	
	Ch:60.00m to 90.00m		6	5.90			35.40	
	Ch:90.00m to 120.00m		6	5.70			34.20	
	Ch:120.00m to 150.00m		6	4.50			27.00	
	Ch:150.00m to 175.00m		5	3.20			16.00	
	2nd main cross road -1							
	Ch:0.00m to 30.00m	LHS	6	2.80			16.80	
	Ch:30.00m to 36.00m		1	2.80			2.80	
	2nd main cross road -2							
	Ch:0.00m to 30.00m	LHS	6	3.00			18.00	
	2nd main cross road -3							
	Ch:0.00m to 30.00m	LHS	6	2.80			16.80	
	Ch:30.00m to 34.00m		1	2.70			2.70	
	2nd main cross road -7							
	Ch:0.00m to 30.00m	LHS	6	2.70			16.20	

Asst. Executive Engineer
Project Division

	Ch:30.00m to 33.00m		1	2.80			2.80	
	2nd main cross road -10							
	Ch:0.00m to 30.00m	LHS	6	4.00			24.00	
	1st main cross road -2							
	Ch:0.00m to 30.00m	LHS	6	3.10			18.60	
	Ch:30.00m to 36.00m		1	3.10			3.10	
	1st main cross road -4							
	Ch:0.00m to 30.00m	LHS	6	3.40			20.40	
	Ch:30.00m to 36.00m		1	3.20			3.20	
	1st main cross road -5							
	Ch:0.00m to 30.00m	LHS	6	3.70			22.20	
	1st main cross road -6							
	Ch:0.00m to 18.70m	LHS	4	2.80			11.20	
	1st main cross road -7							
	Ch:0.00m to 19.00m	LHS	4	2.50			10.00	
	Maruthinagar 24th B cross							
	Ch:0.00m to 30.00m		6	2.60			15.60	
	Ch:30.00m to 38.50m		2	3.00			6.00	
	Maruthinagar near Canara bank							
	Ch:0.00m to 30.00m		6	4.30			25.80	
	Ch:30.00m to 58.00m		6	3.40			20.40	
	continued		2	4.50			9.00	
	continued		1	5.70			5.70	
	Continued Right side							
	Ch:0.00m to 30.00m		6	2.20			13.20	
						Present Qty	**562.90**	**Rmt**

Contractor

Newzen Consultants Bangalore. K R PMC

Assistant Engineer 8/4/19

Asst. Executive Engineer 8/4/19
Project Division
Yelahanka Zone
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of work :- Improvements to roads and drains at Jayamuni Layout and Venktala Surrounding areas in ward No.01 at Yelahanka Sub Division

ABSTRACT

Sl No	Description of Work	Unit	Previous Measurement		Present Measurement			Up to date	
			Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing & Refixing stone Slab of drain and providing in Cm (1:5)	Sqm	–	–	236.33	88.70	20962.03	236.33	20962.03
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	–	–	639.40	205.84	131613.68	639.40	131613.68
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	–	–	378.51	5681.10	2150324.76	378.51	2150324.76
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge.	MT	–	–	11.05	70744.85	781528.26	11.05	781528.26
5	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design	Cum	–	–	184.06	12148.97	2236118.16	184.06	2236118.16
6	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doiirections of the Enineer-in-charge.	Sqm	–	–	491.57	2313.52	1137245.46	491.57	1137245.46
7	Providing and laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, labour, curing, transportation,loading, unloading etc.,complete as per the direction of Engineer - In-Charge.	Sqm	–	–	31.59	5628.20	177794.84	31.59	177794.84
8	Earth work in soil with hydraulic excavator of 0.9 cu.m. bucket capacity including cutting and loading in tippers, trimming bottom and side slopes. In accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications.	Cum	–	–	1126.87	163.81	184591.92	1126.87	184591.92
9	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.	Sqm	–	–	2817.17	5.84	16452.24	2817.17	16452.24

10	Construction of granular sub-base of Grading II Material by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications.	Cum	–	–	422.57	1833.78	774909.13	422.57	774909.13
11	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete with all lead and lifts etc., complete	Cum	–	–	422.57	6862.40	2899876.96	422.57	2899876.96
12	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater studded with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	–	–	2817.17	105.00	295802.33	2817.17	295802.33
13	Providing groove cutting for width of 5mm to 10mm depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials,. Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.	Rmt	–	–	562.90	134.45	75681.91	562.90	75681.91
	Total						**10882901.67**		**10882901.67**

CERTIFICATE

1. Certified that the work done is satisfactorily.
2. There is no departmental issues by BBMP

Contractor

Newzen Consultants Bangalore

Assistant Engineer 8/2/13.

Asst. Executive Engineer 8/2/13

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore